

Product Bulletin



Valent U.S.A. Corporation
P.O. Box 8025
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FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MICHIGAN

VELOCITY® HERBICIDE

For Postemergence Control of Annual Bluegrass (*Poa annua*) In Creeping Bentgrass

EPA Reg. No. 59639-105

EPA SLN No. MI-030002

(Revision No. 1)

EXPIRATION DATE: JUNE 9, 2008

| | |
|---|--------|
| Active Ingredient | By Wt. |
| Bispyribac-sodium (Sodium 2,6-bis [(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate) | 80.0% |
| Other Ingredients | 20.0% |
| Total | 100.0% |

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

| CROP AND USE SITE | PEST | APPLICATION RATE | APPLICATION DATES | USE INSTRUCTIONS |
|--|--------------------------------------|-----------------------|---|---|
| CREEPING BENTGRASS <i>Agrostis palustris</i> GOLF COURSE FAIRWAYS AND SOD FARMS ONLY | ANNUAL BLUEGRASS <i>Poa annua</i> | 10 to 45 grams a.i./A | Apply <i>Velocity</i> Herbicide after May 15 and conclude applications prior to September 1 | <p>Applying <i>Velocity</i> Herbicide to a mixed stand of creeping bentgrass and annual bluegrass will provide selective postemergence control of emerged annual bluegrass.</p> <p>In most cases, a total of 60 to 90 grams a.i./A of <i>Velocity</i> Herbicide is required to achieve desired effects against annual bluegrass.</p> <p>For slower conversion to creeping bentgrass, apply <i>Velocity</i> Herbicide weekly at 10 grams a.i./A. It is recommended to begin applications in late May or early June. This application schedule should be continued until desired level of activity on annual bluegrass is achieved.</p> <p>For conversion to creeping bentgrass, apply three to four applications of <i>Velocity</i> Herbicide at 20 grams a.i./A on a 7- to 10-day interval.</p> <p>For quicker conversion to creeping bentgrass, apply two applications of <i>Velocity</i> Herbicide at 45 grams a.i./A on a 14-day interval.</p> <p>In all cases, temporary turfgrass discoloration may occur following application of <i>Velocity</i> Herbicide, but creeping bentgrass will recover whereas annual bluegrass will not.</p> |

Rate Table for one 2 oz. water soluble packet (WSP) of *Velocity* Herbicide

| Rate (grams a.i./A) | Ounces of Product/A | Sq. Ft. Covered per Packet | Acres Covered per Packet |
|---------------------|---------------------|----------------------------|--------------------------|
| 10 | 0.44 | 196,020 | 4.5 |
| 20 | 0.88 | 98,0100 | 2.25 |
| 30 | 1.32 | 65,340 | 1.5 |
| 45 | 2.0 | 43,560 | 1.0 |

Use Precautions:

1. *Velocity* Herbicide is an active herbicide and users should exercise reasonable judgment and caution until familiarity with the product is gained. *Velocity* Herbicide has not been evaluated for safety on all varieties of creeping bentgrass or efficacy on all biotypes of annual bluegrass. Due to variability of turfgrass varieties, growth stages, environmental conditions and application techniques, it is recommended that users test this product under local growing conditions in a small area and evaluate for 28 days before wide-scale applications.
2. Always apply *Velocity* Herbicide to healthy turfgrass. Any environmental (i.e., temperature, drought, etc.) or other stress (i.e., herbicide injury, fertilizer injury or nutrient deficiencies, etc.) factors which decrease plant metabolism and growth may reduce weed control. Avoid applications of *Velocity* Herbicide in heavy traffic areas and/or heavily shaded areas.
3. Temporary discoloration to creeping bentgrass is likely with aggressive application rates of *Velocity* Herbicide. This occurrence generally begins 4 to 10 days after application. Vigorous creeping bentgrass will generally outgrow this condition within 14 days.
4. Overseeding is recommended in conjunction with *Velocity* Herbicide applications to achieve conversion to creeping bentgrass and to avoid stand thinning due to annual bluegrass loss. Applications of *Velocity* Herbicide can be made 10 days prior to overseeding creeping bentgrass or must be delayed at least 42 days after creeping bentgrass emergence.
5. Apply *Velocity* Herbicide using standard, low-pressure (20 to 50 psi) ground boom equipment with flat fan nozzles in a minimum of 20 gallons of spray solution per acre. Avoid applications with flood jet nozzles and hand-held sprayers since applications may not be uniform. Application equipment should be clean and in good repair. Spray equipment should be calibrated before each use and checked during application. Avoid streaking, skips or excessive overlaps during application. The use of a spray indicator dye or foam marking system is recommended.
6. Do not apply *Velocity* Herbicide if winds are gusty or if wind speeds are greater than 10 mph.
7. Do not apply *Velocity* Herbicide through any type of irrigation system or by air.
8. Do not apply *Velocity* Herbicide if rain is expected within 24 hours after application.
9. Do not mow or irrigate turfgrass within 24 hours after applying *Velocity* Herbicide.
10. Do not apply more than 120 grams a.i. of *Velocity* Herbicide per acre in a single year.
11. Do not mix *Velocity* Herbicide with pesticides, fertilizers, wetting agents, spreader stickers or other adjuvants.
12. Do not apply *Velocity* Herbicide at temperatures below 55°F or above 85°F, or when high temperatures are predicted to be below 55°F or above 85°F during the two days following application.

Follow all applicable directions, restrictions and precautions on the EPA-registered label. This labeling must be in the possession of the user at the time of pesticide application.

FIFRA § 24(c) Registrant: Valent U.S.A. Corporation
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